



MIT10307

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Assefa et al. GROUP: 2828
SERIAL NO: 10/721,841 EXAMINER: Unknown

FILED: 11/25/2003

FOR: ELECTRICALLY-ACTIVATED PHOTONIC CRYSTAL
MICROCAVITY LASER

Assistant Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In compliance with 37 C.F.R. §§1.56, 1.97, and 1.98, Applicant submits copies of the documents listed on the attached Form PTO-1449.

The listed documents were recently cited in a corresponding PCT application, and a copy of the International Search Report is being submitted herewith for purposes of convenience.

The Commissioner is authorized to charge Deposit Order Account No. 19-0079 for any further fee that is required.

Respectfully submitted,

Matthew E. Connors
Registration No. 33,298
Gauthier & Connors, LLP
225 Franklin Street, Suite 2300
Boston, Massachusetts 02110
Telephone: (617) 426-9180
Extension: 112

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450. Mail Stop: Amendment

Elizabeth M. Ball

8/9/05

Date

FORM PTO-1449
(Rev. 5/92)GAUTHIER & CONNORS LLP
225 Franklin Street, Boston, MA 02110
Telephone: (617) 426-9180

ATTORNEY DOCKET NO.

SERIAL NO.

APPLICANT:

GROUP:

FILING DATE:

EXAMINER:

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

AUG 11 2005

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,682,401	10/28/1997	Joannopolous et al.			6/18/1996
	AB	6,198,860B1	3/6/2001	Johnson et al.			9/22/1998
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	WO 02/056430A2	7/18/2002	WIPO			YES
	AK						
	AL						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
	AM	Happ, Thomas D. et al., "Two-dimensional photonic crystal coupled-defect laser diode," Applied Physics Letters, American Institute of Physics 2003, New York, Vol. 82 no. 1, January 6, 2003, pgs. 4-6
	AN	Inoshita, K. et al., "Room-Temperature Lasing Characteristics of Bend and Branch in Photonic Crystal Waveguide," Japanese Journal of Applied Physics, Tokyo, JP, Vol. 42 no. 11, Part 1, November 10, 2003, pgs. 6887-6891
	AO	

EXAMINER**DATE CONSIDERED**

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.